

281/8

DOCKET NO.: S01022.80201.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pierrick Descure
Serial No: 09/361,700
Confirmation. No.: 5850
Filed: July 27, 1999
For: IMAGE SENSOR WITH A PHOTODIODE ARRAY
Examiner: Gene M. Munson
Art Unit: 2811

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 14 day of February, 2003.

Colleen Sullivan

Colleen Sullivan

Commissioner For Patents
Washington, D.C. 20231

Sir:

Transmitted herewith are the following documents:

- ☒ Information Disclosure Statement
- ☒ PTO Form 1449 with cited references
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

A check in the amount of \$180.00 is enclosed to cover the filing fee. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

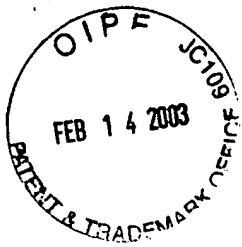
Respectfully submitted,
Pierrick Descure, Applicant

By:

Daniel P. McLoughlin
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Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
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Docket No. S01022.80201.US
Date: February 10, 2003
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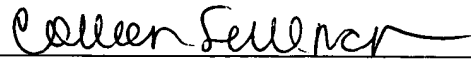
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The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 11 day of February, 2003.


Colleen Sullivan

Commissioner for Patents
Washington, D.C. 20231

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office Action, but before the mailing date of either a final action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

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PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application.

The following co-pending applications that may contain subject matter related to this application are enclosed unless the earlier application is identified herein and is relied upon for an earlier filing date under 35 U.S.C. §120, and the copy was provided in the earlier application:

Serial No.	Filing Date	Title of Application	Docket No.
**09/362,427	July 28, 1999	INTEGRATED SEMICONDUCTOR LIGHT SENSOR DEVICE AND CORRESPONDING MANUFACTURING PROCESS	S01022.80629.US
*10/074,683	February 12, 2002	HIGH CAPACITANCE PHOTODIODE	S01022.80752.US
10/075,092	February 12, 2002	PHOTODETECTOR WITH THREE TRANSISTORS	S01022.80748.US
10/142,259	May 9, 2002	CMOS-TYPE PHOTODETECTOR	S01022.80776.US

*= including claims as currently pending document

**=includes claims as allowed document, and does not include claims as filed

PART III: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

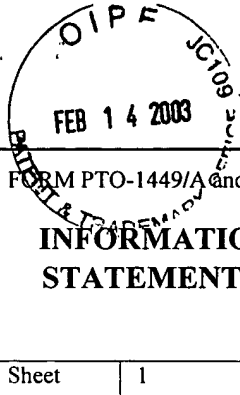
An early and favorable action is hereby requested.

Respectfully submitted,
Pierrick Descure, Applicant

By: 

Daniel P. McLoughlin, Reg. No. 46,066
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
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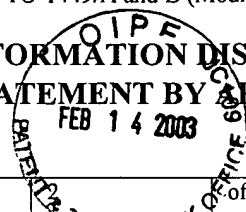
Docket No. S01022.80201.US
Date: February 11, 2003
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 FORM PTO-1449/A and B (Modified)
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
 Sheet 1 of 2

APPLICATION NO.: 09/361,700 ATTY. DOCKET NO.: S01022.80201.US
 FILING DATE: July 27, 1999 CONFIRMATION NO.: 5850
 APPLICANT: Pierrick Descure
 GROUP ART UNIT: 2811 EXAMINER: Gene M. Munson.

U.S. PATENT DOCUMENTS

Examiner's Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
	1	4,630,091		Kuroda et al.	12-16-1986
	2	5,191,399		Maegawa et al.	03-02-1993
	3	5,306,931		Stevens	04-26-1994
	4	5,330,933		Chan et al.	07-19-1994
	5	5,345,266		Denyer	09-06-1994
	6	5,591,997		Guidash et al.	01-07-1997
	7	5,621,230		Guidash et al.	04-15-1997
	8	5,747,835		Pezzani	05-05-1998
	9	5,831,326		Chan et al.	11-03-1998
	10	5,859,462		Tredwell et al.	01-12-1999
	11	5,881,184		Guidash	03-09-1999
	12	5,903,021		Lee et al.	05-11-1999
	13	5,926,214		Denyer et al.	07-20-1999
	14	5,949,061		Guidash et al.	09-07-1999
	15	5,978,025		Tomasini et al.	11-02-1999
	16	5,981,932		Guerrieri et al.	11-09-1999
	17	5,982,011		Kalnitsky et al.	11-09-1999
	18	5,986,297		Guidash et al.	11-16-1999
	19	6,051,447		Lee et al.	04-18-2000
	20	6,067,113		Hurwitz et al.	05-23-2000
	21	6,069,377		Prentice et al.	05-30-2000
	22	6,087,703		Ohta et al.	07-11-2000
	23	6,100,551		Lee et al.	08-08-2000
	24	6,100,556		Drowley et al.	08-08-2000
	25	6,107,655		Guidash	08-22-2000
	26	6,127,697		Guidash	10-03-2000
	27	6,133,954		Jie et al.	10-17-2000
	28	6,160,281		Guidash	12-12-2000
	29	6,188,056	B1	Kalnitsky et al.	02-13-2001
	30	6,218,656	B1	Guidash	04-17-2001
	31	6,259,124	B1	Guidash	07-10-2001
	32	US 2001/0045580	A1	Descure	11-29-2001
	33	US 2002/0011638	A1	Bordogna et al.	01-31-2002
	34	US 2002/0019070	A1	Laurin et al.	02-14-2002
	35	6,352,876	B1	Bordogna et al.	03-05-2002
	36	US 2002/0030753	A1	Kramer et al.	03-14-2002
	37	6,380,572	B1	Pain et al.	04-30-2002

FORM PTO-1449/A and B (Modified)		APPLICATION NO.: 09/361,700	ATTY. DOCKET NO.: S01022.80201.US
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		FILING DATE: July 27, 1999	CONFIRMATION NO.: 5850
		APPLICANT: Pierrick Descure	
Sheet	of 2	GROUP ART UNIT: 2811	EXAMINER: Gene M. Munson

38	US 2002/0051067	A1	Henderson et al.	05-02-2002
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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
	39	EP	1 207 686	A1	STMicroelectronics Limited	05-22-2002	
	40	GB	2 276 512	A	VLSI Vision Limited	09-28-1994	
	41	WO	92/15036	A1	VLSI Visioin Limited	09-03-1992	
	42	WO	92/16999	A1	VSLI Vision Limited	10-01-1992	
	43	WO	93/04556	A1	VSLI Vision Limited	03-04-1993	
	44	WO	97/20434	A1	VSLI Vision Limited	06-05-1997	
	45	WO	97/35438	A1	VSLI Vision Limited	09-25-1997	
	46	WO	98/49729	A1	VSLI Vision Limited	11-05-1998	
	47	WO	99/57887	A1	VSLI Vision Limited	11-11-1999	
	48	WO	00/52765	A1	Photobit Corporation	09-08-2000	

OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	49	Patent Abstracts of Japan, vol. 009, no. 061, March 19, 1985 & JP 59 198756 A (Hitachi Seisakusho KK)	Y Abstract
	50	Patent Abstracts of Japan, vol. 1998, no. 03, February 27, 1998 & JP 09 289301 A (Nikon Corp.) November 4, 1997	Y Abstract
	51	Patent Abstracts of Japan, vol. 1998, no. 09, July 31, 1998 & JP 10 098175 A (Toshiba Corp.)	Y Abstract
	52	Patent Abstracts of Japan, vol. 2000, no. 11, January 2, 2001 & JP 2000 236081 A (Nikon Corp.) August 29, 2000	Y Abstract
	53	Furumiya M. et al., "High Sensitivity and No-Cross-Talk Pixel Technology For Embedded CMOS Image Sensor" International Electron Devices Meeting 2000. IEDM. Technical Digest, San Francisco, CA, Dec. 10-13, 2000, New York, NY: IEEE, US, December 10, 2000, pages 701-704	

EXAMINER	DATE CONSIDERED
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.